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PTO/SB/04 (12-97)

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**SUPPLEMENTAL  
DECLARATION FOR UTILITY  
OR DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Attorney Docket Number	PD-00W014
First Named Inventor	Allison
<i>COMPLETE IF KNOWN</i>	
Application Number	09 / 607,604
Filing Date	06/30/2000
Group Art Unit	2817
Examiner Name	Unknown

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Multi-Bit Phase Shifters Using MEM RF Switches**

the specification of which

(Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) **06/30/2000** as United States Application Number or PCT International

 Application Number **09/607,604** and was amended on (MM/DD/YYYY)  (if applicable).

 I hereby declare that the subject matter of the ☒ attached amendment ☐ amendment filed on  was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

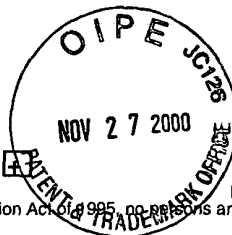
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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## SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Leonard A. Alkov	30,021	William C. Schubert	30,102
Glenn H. Lenzen, Jr.	29,320		
Colin M. Raufer	40,781		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

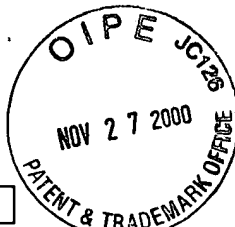
Name	Leonard A. Alkov, Esq.				
Address	Raytheon Company				
Address	P.O. Box 902 (E1/E150)				
City	El Segundo	State	CA	ZIP	90245-0902
Country	USA	Telephone	310.647.2577	Fax	310.647.2616

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])		Family Name or Surname					
Robert C.		Allison					
Inventor's Signature			10/30/2000 Date				
Residence: City	Rancho Palos Verdes	State	CA	Country	USA	Citizenship	USA
Post Office Address	6910 Larkdale Drive						
Post Office Address							
City	Rancho Palos Verdes	State	CA	ZIP	90274	Country	USA

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



Please type a plus sign (+) inside this box → ☐

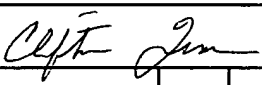
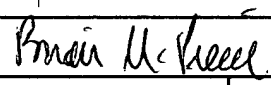
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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

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<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Clifton				Quan			
Inventor's Signature				Date		10/30/2000	
Residence: City	Arcadia	State	CA	Country	USA	Citizenship	USA
Post Office Address	5521 No. Florinda Avenue						
Post Office Address							
City	Arcadia	State	CA	ZIP	91006	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Brian M.				Pierce			
Inventor's Signature				Date		10/30/00	
Residence: City	Moreno Valley	State	CA	Country	USA	Citizenship	US
Post Office Address	22501 Sheffield Drive						
Post Office Address							
City	Moreno Valley	State	CA	ZIP	92557	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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